Original / Duplicate / Triplicate

CONTRACT CERTIFICATE

(For Other Works)

No. **1st & Final bill** Date……20……

Division- **Project Division Dasarahalli**

Bill Received No……Dated……Cash Book Voucher No……dated……

Scheduled Docket No…… Head of Account:

Name of Work : Providing CC Camera at Garbage Block Spots in Ward no 14 Dasarahalli Sub Division

Contractor and Full Address:

Work Order No:

Job code No:

Certified that the measurements were taken by me on……and recorded in pages. 190339 to 190344

Of measurement Book No……1904…… and that the work is satisfactorily executed.

Contractor **Officer-in-charge of work**

Certified that the measurements were taken by me on…… and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

If Memorandum of Payment **Sub-Division Officer**

1)	Total value of work done or supplies made as per account within		
2)	Deduct amount to be held in reserve being……..percent Rs……		
3)	Deduct amount to be held in Balance		
4)	Deduct Payment :		
	a) Amount of previous payment as in the Office Cash Book Voucher No……Dated……..S.D No……		
	Amount adjusted towards cash advance recovery of		
	b) Payments cost store or other materials supplied.		
	Now made recovery of amount creditable to this/other work		
	Amount paid on this bill Cheque/Cash		
5)	Balance being unpaid value of work done held in reserve		
6)	Deduct cash advance made on the office Cash Book Voucher No…… date ……less adjustments		
7)	Net amount due to or from contractor		
	Unadjusted items		
8)	Advance to contractor for materials brought to site (as detailed) within value of Governme materials supplied		

Contractor's Signature

Received Rs……(in words)

By Cash and by adjustment of Payment as per memorandum.

Witnesses: (For use in the Office)

1.

2.

Dated……Signature of Contractor

Paid by me by cheque No……Dated……

Cash Rs……Dated……

Initials of Officer Making Payment **Executive Engineer**

Scanned by CamScanner

Bruhat Bangalore Mahanagara Palike

Name of work :- Providing CC Camera at Garbage Block Spots in Ward no 14 Dasarahalli Sub Division

ABSTRACT - BILL

ABSTRACT

Sl No	Description of Work	Unit	As per Modified Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
1	Earthwork in surface excavation in Hard soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled after breaking of clods and neatly dressed as per specifications, complete as per direction of Engineer incharge of work	Cum	489.38	369.94	181039.39			489.35	369.94	181030.14	489.35	181030.14
2	Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 20mm and down size graded granite metal coarse aggregates @0.84cum and fine aggregtes @ 0.56cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, ncluding cost of all materials, labour, HOM of machinery, curing complete as per specifications, complete as per direction of Engineer incharge of work	Cum	2.45	2200.00	5383.13			2.45	2200.00	5383.13	2.45	5383.13

Scanned by CamScanner

Sl No	Description of Work	Unit	As per Modified Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
3	Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregtes @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, ncluding cost of all materials, labour, HOM of machinery, curing complete as per specifications, complete as per direction of Engineer incharge of work	Cum	16.31	4100.00	66881.25			16.31	4100.00	66881.25	16.31	66881.25
4	Filling available excavated earth (excluding rock) in sides offoundations upto plinth cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m. and lift upto 1.5 m. including cost of all labour complete as per specifications, complete as per direction of Engineer incharge of work	Cum	391.50	213.06	83412.99			391.50	213.06	83412.99	391.50	83412.99

Scanned by CamScanner

Sl No	Description of Work	Unit	As per Modified Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
5	Supplying of 1.1 KV LT UG cable having aluminum conductor PVC insulated, extruded inner sheathed, galvanized, steel strip (except 2CX10Sq.mm wire armoured) confirming to IS-3975:1990 (No. of Strip indicated in GTP) & extruded PVC outer sheathed armoured cable with specified IS-1554 Part-1:1988 & confirming to GTP 3.5 core 50 sqmm, complete as per direction of Engineer incharge of work	Mtr	1450.00	300.00	435000.00			1450.00	300.00	435000.00	1450.00	435000.00
6	Supplying and making straight through cable joint with epoxy resin including ferrules and other jointing materials for PVC insulated and PVC sheathed steel tape, wire armoured aluminum conductor cable of 1.1 KV grade of the following sizes. 3 ½ x50 sqmm, complete as per direction of Engineer incharge of work	Per Kit	29.00	2100.00	60900.00			29.00	2100.00	60900.00	29.00	60900.00
7	Supplying and fixing of class A (medium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV. 50mm, complete as per direction of Engineer incharge of work	Mtr	870.00	440.00	382800.00			870.00	440.00	382800.00	870.00	382800.00
8	Providing and filling sand in excavated trench to cover already laid UG cable to a depth of 150mm all-round the cable, complete as per direction of Engineer incharge of work	Mtr	870.00	120.00	104400.00			870.00	120.00	104400.00	870.00	104400.00

Scanned by CamScanner

Sl No	Description of Work	Unit	As per Modified Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
9	4.0 Mega Pixel high definition upto 60Mtr IR Night Vision CCTV Camera-EXIR with SD Card Provision, complete as per direction of Engineer incharge of work	No's	87.00	12500.00	1087500.00			87.00	12500.00	1087500.00	87.00	1087500.00
10	Supplying Pole for PTZ Erection with Civil Work, complete as per direction of Engineer incharge of work	Each	29.00	21000.00	609000.00			29.00	21000.00	609000.00	29.00	609000.00
11	Supplying Of 6U Rack with SS Lock & Key, complete as per direction of Engineer incharge of work	No's	29.00	6200.00	179800.00			29.00	6200.00	179800.00	29.00	179800.00
12	Junction Metal Box, complete as per direction of Engineer incharge of work	No's	87.00	540.00	46980.00			87.00	540.00	46980.00	87.00	46980.00
13	5 Port Switch, complete as per direction of Engineer incharge of work	No's	87.00	650.00	56550.00			87.00	650.00	56550.00	87.00	56550.00
14	HDMI Splitter or Auto Video Switch Output, complete as per direction of Engineer incharge of work	No's	29.00	2300.00	66700.00			29.00	2300.00	66700.00	29.00	66700.00
15	Power Adopter, complete as per direction of Engineer incharge of work	No's	29.00	340.00	9860.00			29.00	340.00	9860.00	29.00	9860.00

Scanned by CamScanner

Sl No	Description of Work	Unit	As per Modified Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
16	Supply and Installation/Fixing/Provision of Outdoor type Thermoplastic Modular Panel Enclosure with Transparent Polycarbonate Lid Shock Proof IP65 (weather Proof) Rust proof Dust Proof, water proof Corrosion proof having internally embedded gasket on both lid and flap suitable to fix singale phase/ Three Phase Energy Meter in suitable base plate and having a provision for fuse/MCB Cutout along with complete tamper proof SEALING facility 600mm X 600mm X 170MM, complete as per direction of Engineer incharge of work	Each	29.00	16000.00	464000.00			29.00	16000.00	464000.00	29.00	464000.00
17	Supplying, erecting, testing & commissioning of OFF-LINE UPS system suitable for operation on 230V, 50Hz, A/C supply, with all accessories complete and Excluding batteries and wiring complete. 1KVA OFF LINE UPS Two Hour back up Excluding 2x 80Ah batteries, complete as per direction of Engineer incharge of work	Each	2.00	9350.00	18700.00			2.00	9350.00	18700.00	2.00	18700.00
18	Supplying, installation, testing & commissioning of 12V DC, AH batteries in poly propylene container for U.P.S. Low maintenance Tubular batteries. 12 V ,80 AH capacity Acid Battery, complete as per direction of Engineer incharge of work	Each	4.00	10400.00	41600.00			4.00	10400.00	41600.00	4.00	41600.00

Scanned by CamScanner

Sl No	Description of Work	Unit	As per Modified Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
19	Supplying of 32 Channel NVR (NVR default without HDD) with 2SATA H264 Compression, complete as per direction of Engineer incharge of work	Each	29.00	47000.00	1363000.00			29.00	47000.00	1363000.00	29.00	1363000.00
20	Supplying of 4 TB Harddisk (Surveillance)-seagate, complete as per direction of Engineer incharge of work	No's	58.00	10400.00	603200.00			58.00	10400.00	603200.00	58.00	603200.00
21	Supplying of 6 Port POE switch TP link, complete as per direction of Engineer incharge of work	No's	29.00	9000.00	261000.00			29.00	9000.00	261000.00	29.00	261000.00
22	Supplying of 4 Pin Spike Pin Cona/reputed, complete as per direction of Engineer incharge of work	Each	33.00	1350.00	44550.00			33.00	1350.00	44550.00	33.00	44550.00
23	Supplying of Outdoor Supportable CAD6/CAD5 Cable /Power Cable FRLS, complete as per direction of Engineer incharge of work	Mtr	1638.21	165.00	270304.65			1638.21	165.00	270304.65	1638.21	270304.65
24	Outdoor Supportable CAD6/CAD5 Cable /Power Cable Cabling,Laying Charges, complete as per direction of Engineer incharge of work	Mtr	1638.21	165.00	270304.65			1638.21	165.00	270304.65	1638.21	270304.65
25	HDMI Patch cable for connectivity, complete as per direction of Engineer incharge of work	No's	87.00	670.00	58290.00			87.00	670.00	58290.00	87.00	58290.00
26	Supplying of 24V/2.5A Adopte, complete as per direction of Engineer incharge of work	No's	87.00	740.00	64380.00			87.00	740.00	64380.00	87.00	64380.00
27	Supplying of Switch disconnector fuse unit (TPN) HRC type (but without HRC fuses). With AC-23A duty and as per IS-13947. 125Amps, complete as per direction of Engineer incharge of work	Each	29.00	6000.00	174000.00			29.00	6000.00	174000.00	29.00	174000.00

Scanned by CamScanner

No	Description of Work	Unit	As per Modified Sheadule -B			Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
28	Supplying and fixing Moulded Case Circuit Breaker (MCCB) over the existing wood/panel board using necessary screws, bolts, nuts and wiring complete. Protection of Overload and Short circuit with thermal Magnetic/Micro processor release and Earth Fault as per IS-13947. (Icu = Ics) FOUR POLE 125-160Amps 25kA, complete as per direction of Engineer incharge of work	Each	29.00	9000.00	261000.00			29.00	9000.00	261000.00	29.00	261000.00
29	Chemical earthing for grounding. Conduits, IC cutouts & other equipments backfill compound which is non-corrosive, thermally conductive, potential to permissible limits, superior Fault conduction capacity, non toxic, weather resistance & capable of achiveing ohmic value less than one ohmUsing 10ft. Copper bonded rod with backfill compound, complete as per direction of Engineer incharge of work	1 Kit	29.00	9000.00	261000.00			29.00	9000.00	261000.00	29.00	261000.00
30	Supplying of Hardware items and fixing charges, complete as per direction of Engineer incharge of work	Each	87.00	1740.00	151380.00			87.00	1740.00	151380.00	87.00	151380.00
31	CPU - i3 Processer- 450 MHZ, 8Gb Ram, 250Gb Hard Disk Full Core, complete as per direction of Engineer incharge of work	No's	2.00	49000.00	98000.00			2.00	49000.00	98000.00	2.00	98000.00
32	Installation Charges for Camera and NVR, complete as per direction of Engineer incharge of work	Set	29.00	4850.00	140650.00			29.00	4850.00	140650.00	29.00	140650.00

Scanned by CamScanner

Sl No	Description of Work	Unit	As per Modified Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
33	IP Configuration, complete as per direction of Engineer incharge of work	Each	29.00	3800.00	110200.00			29.00	3800.00	110200.00	29.00	110200.00
34	Supplying Of 42" LED TV Make Samsung/LG/Philips/Videocon, complete as per direction of Engineer incharge of work	Each	4.00	85000.00	340000.00			4.00	85000.00	340000.00	4.00	340000.00
35	1 Year Maintainance Checking of NVR Quaterly Check, complete as per direction of Engineer incharge of work	Each	1.00	150480.00	150480.00			1.00	150480.00	150480.00	1.00	150480.00
	Sub Total				**8522246.05**		**0.0**			**8522236.80**		**8522236.80**
	Add 18% GST Charges				**1534004.29**		**0.0**			**1534002.62**		**1534002.62**
	Grand Total				**10056250.34**		**0.0**			**10056239.43**		**10056239.43**

CERTIFICATE

1 Certified that the work done is satisfactorily.
2 There is no departmental issues by BBMP

Contractor

Assistant Engineer
Project Division,Dasarahalli
Bruhat Bangalore Mahanagara Palike

Asst. Excecutive Engineer
Project Division,Dasarahalli
Bruhat Bangalore Mahanagara Palike

Scanned by CamScanner